

Figure 1

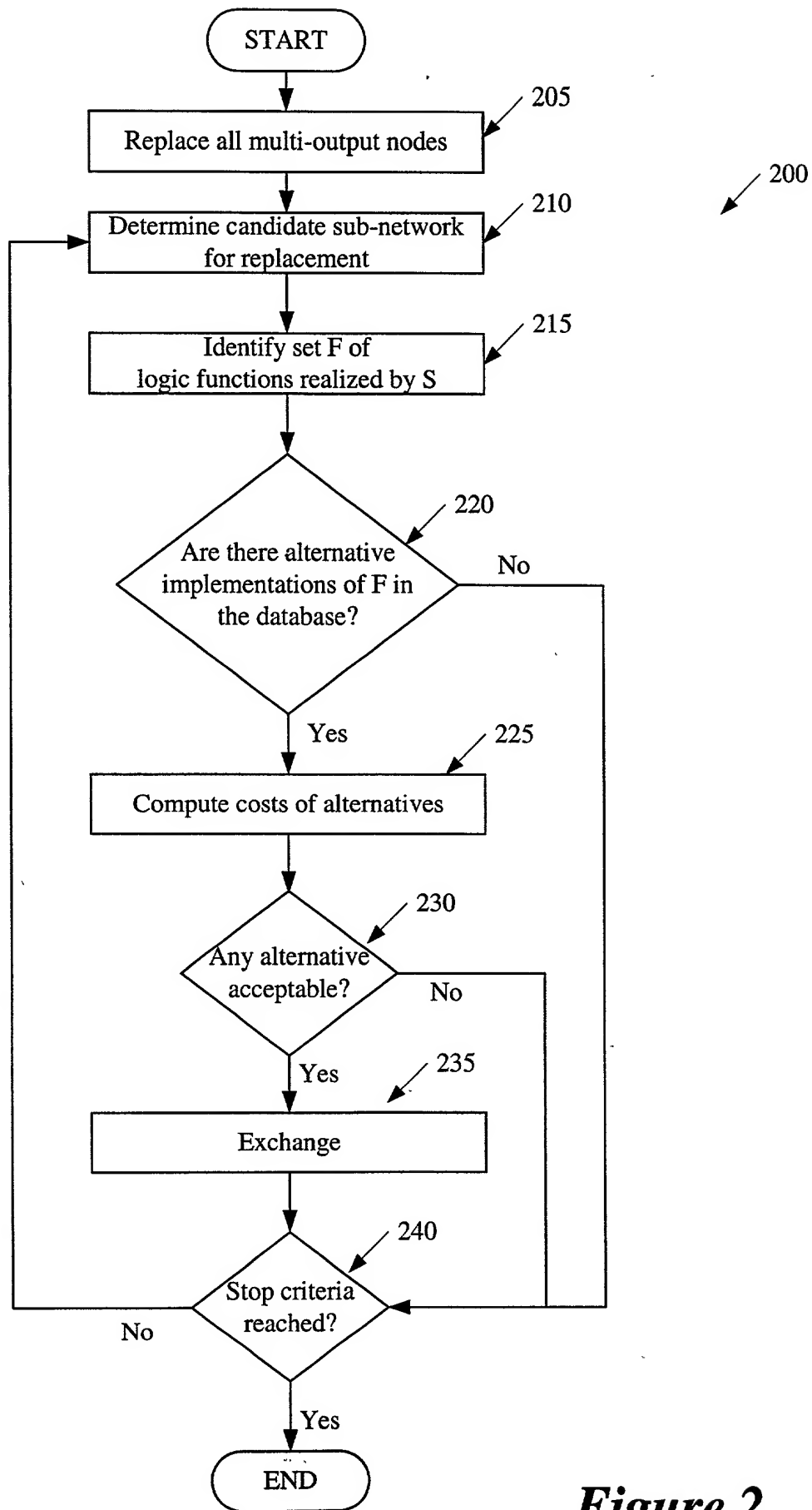


Figure 2

FIG. 3 is a block diagram of a logic circuit 300. The circuit 300 includes a first logic block 310, a second logic block 320, a third logic block 330, a fourth logic block 335, and a fifth logic block 315. The first logic block 310 has inputs Y0, Y1, and Y2, and outputs X0, X1, and X2. The second logic block 320 has inputs Y3 and Y4, and outputs X3 and X4. The third logic block 330 has inputs X4 and X5, and output X6. The fourth logic block 335 has input X6, and output X7. The fifth logic block 315 has inputs X2, X3, and X4, and output X8. The circuit 300 is shown in a dashed circle 400.

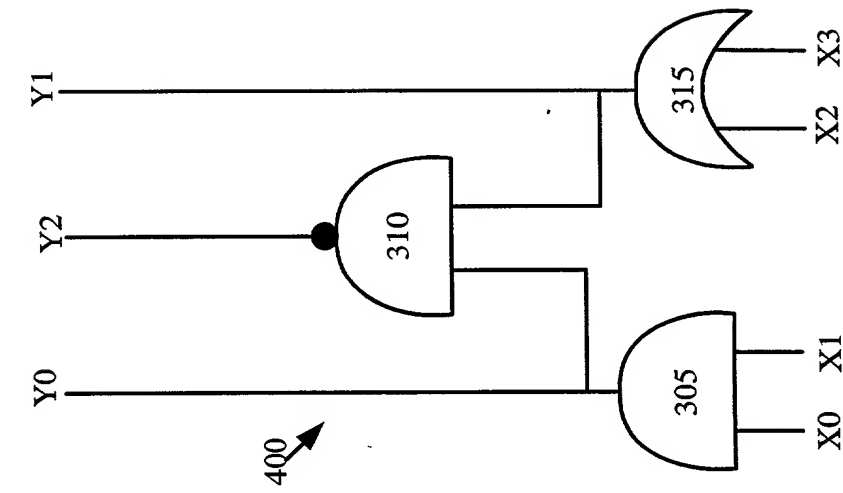


Figure 3

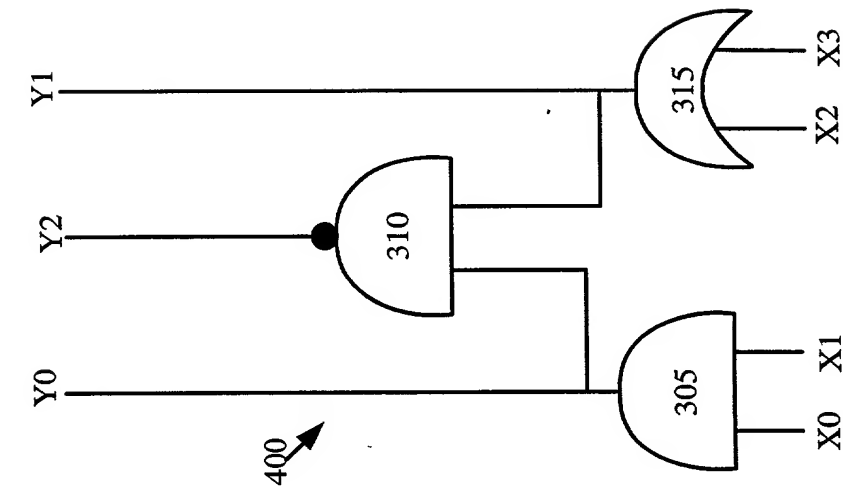


Figure 4

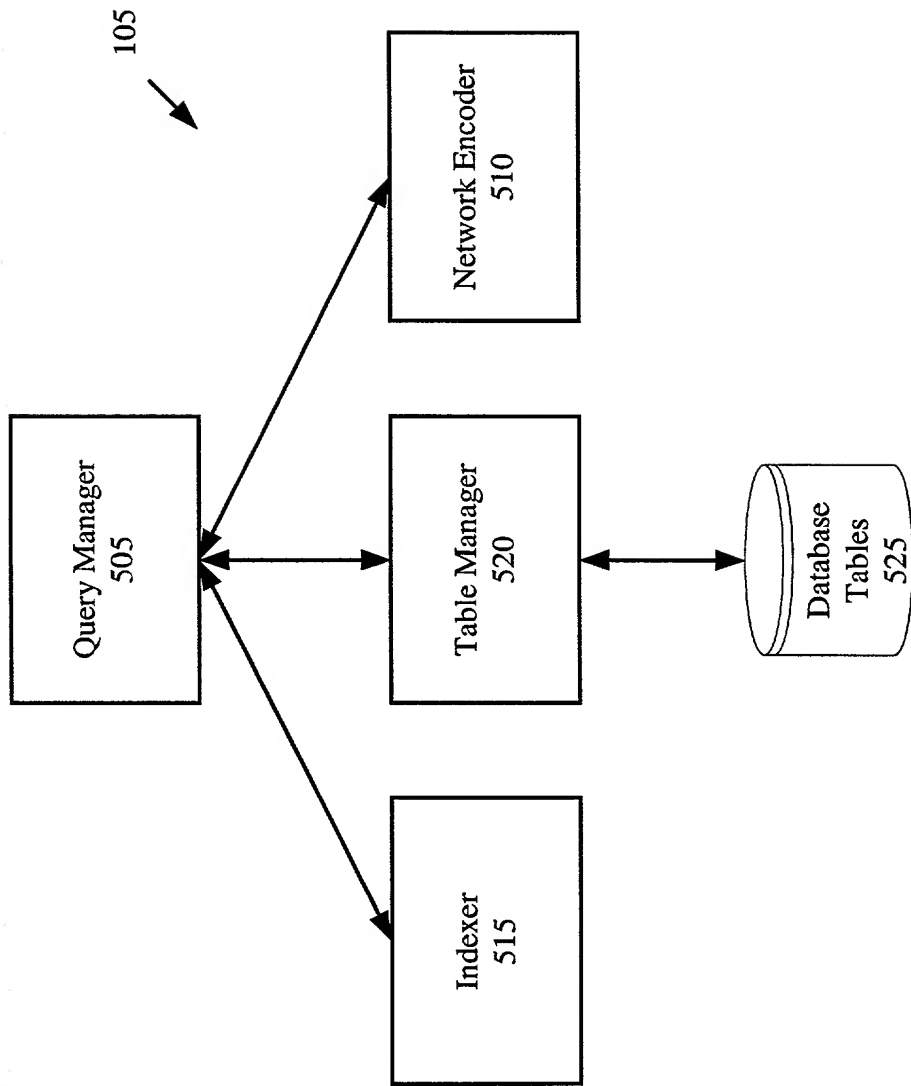


Figure 5

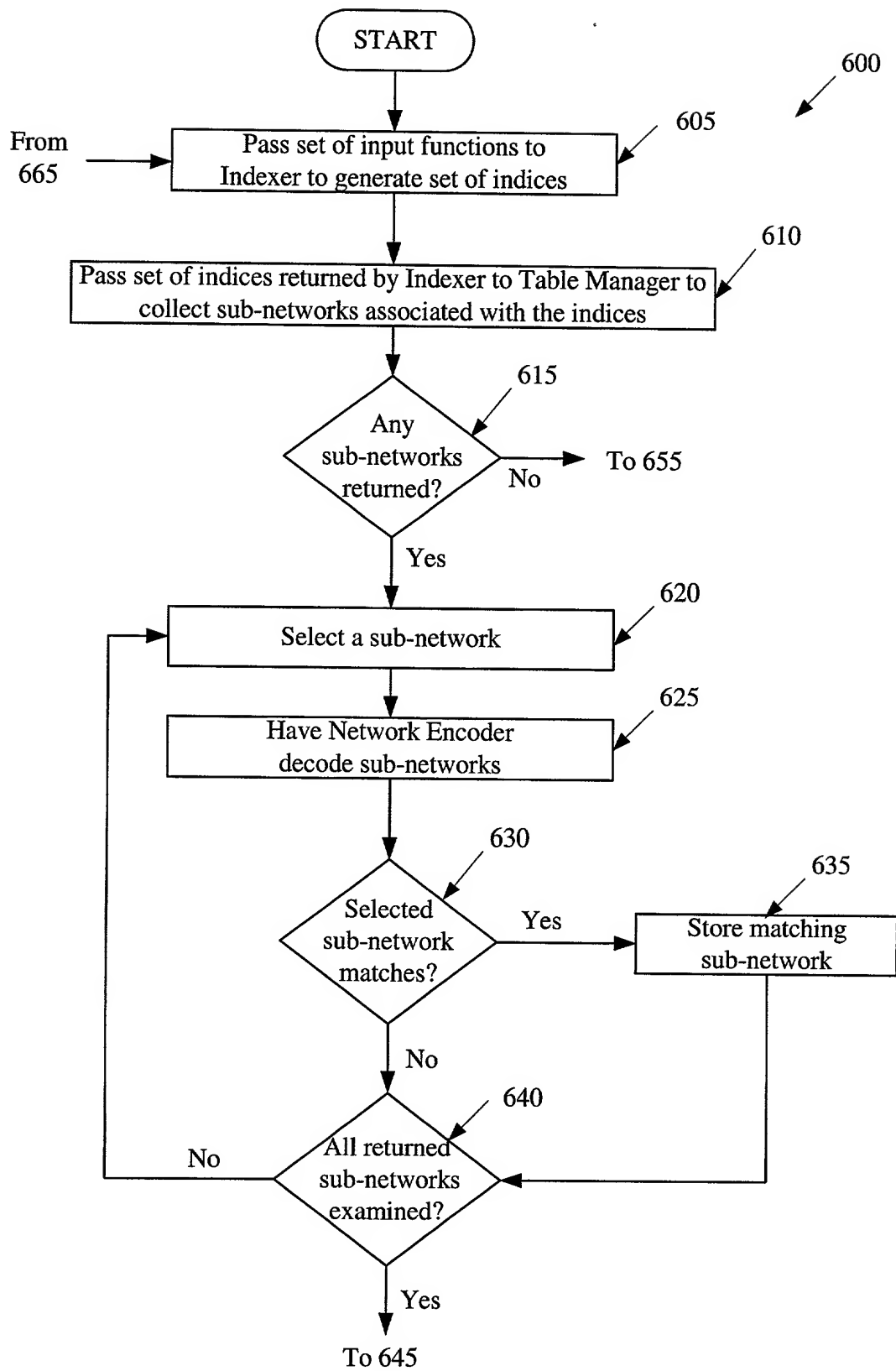


Figure 6A

Figure 6: Figure 6A
Figure 6B

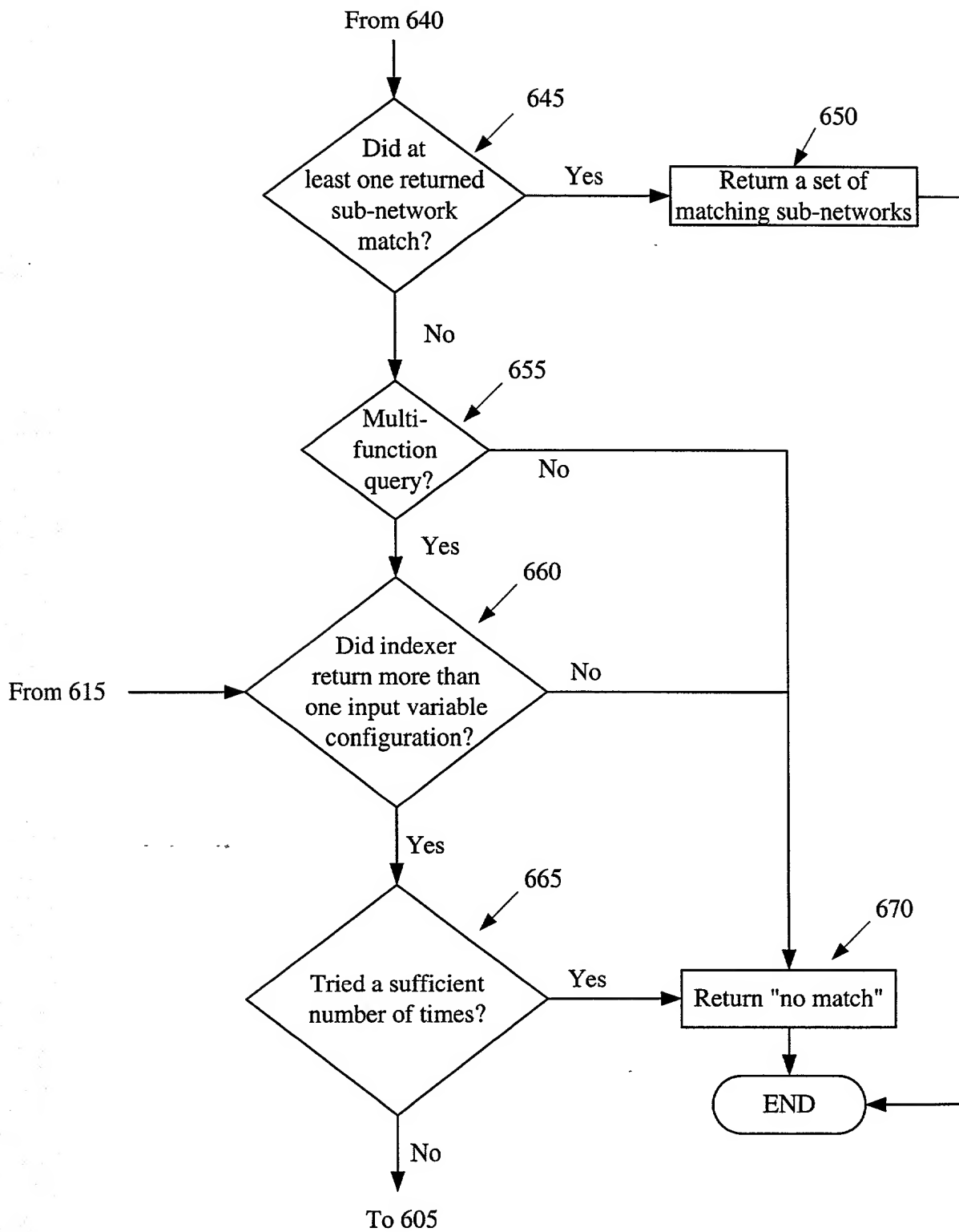


Figure 6B

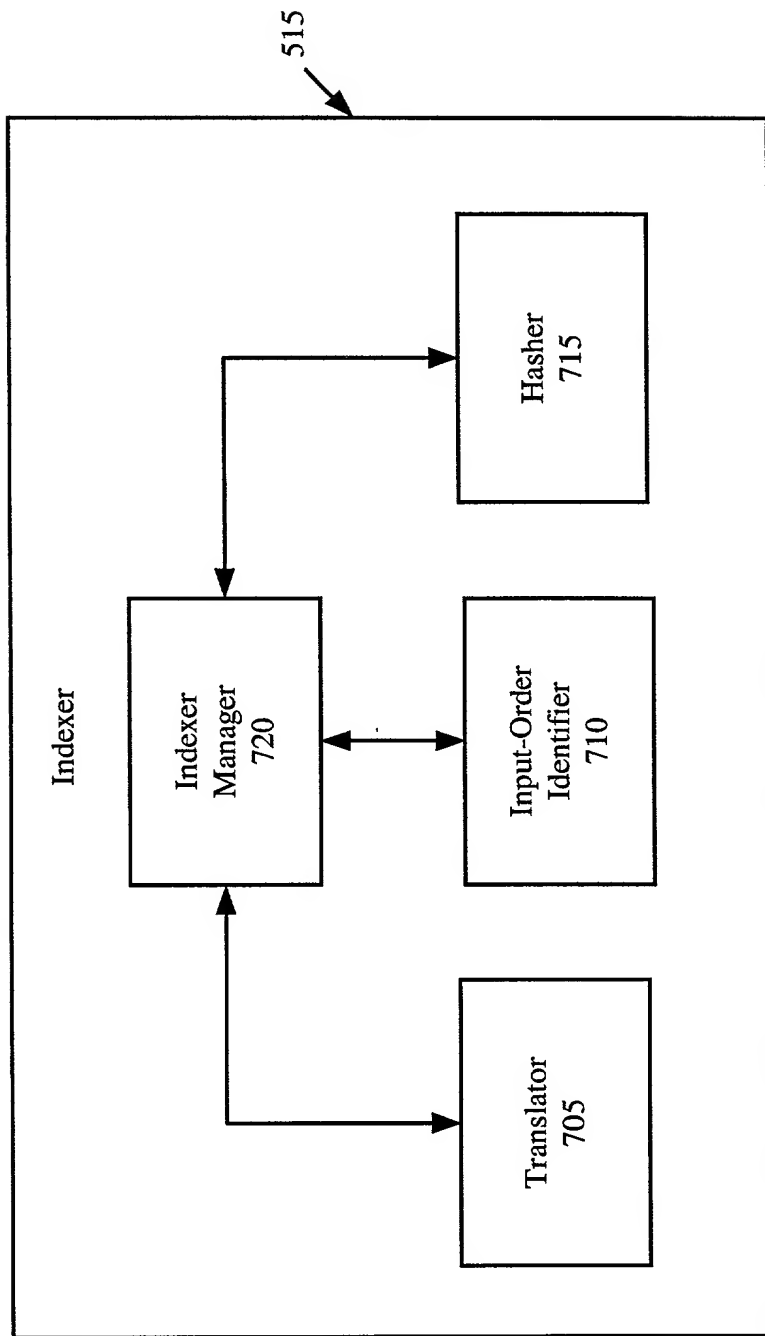


Figure 7

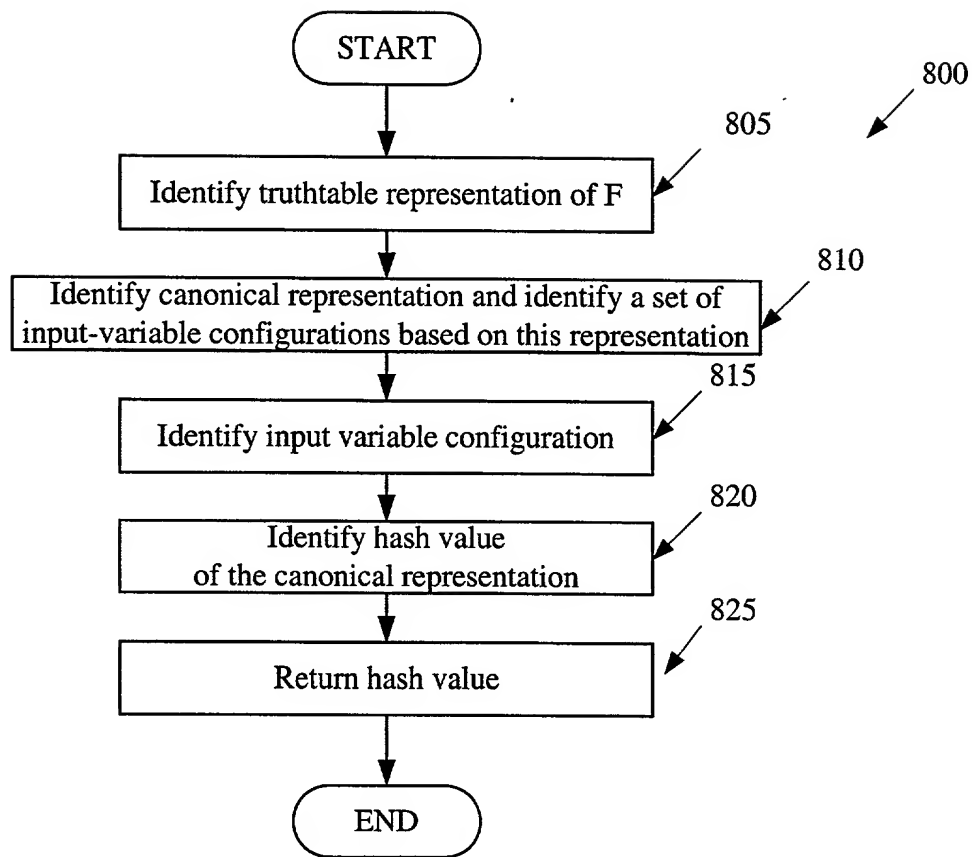


Figure 8

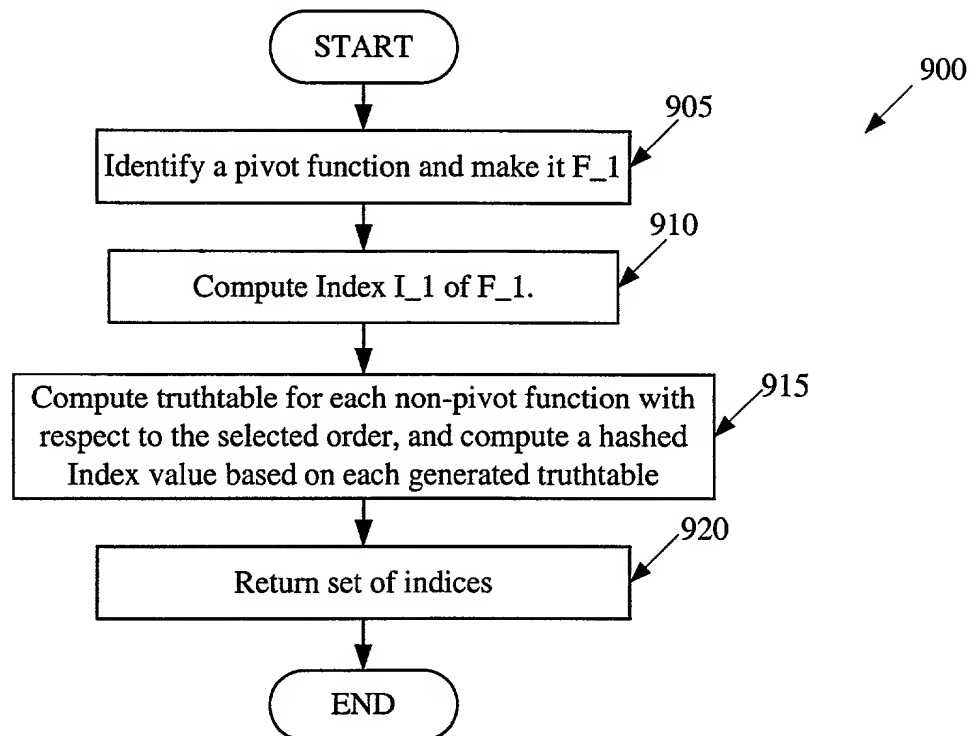
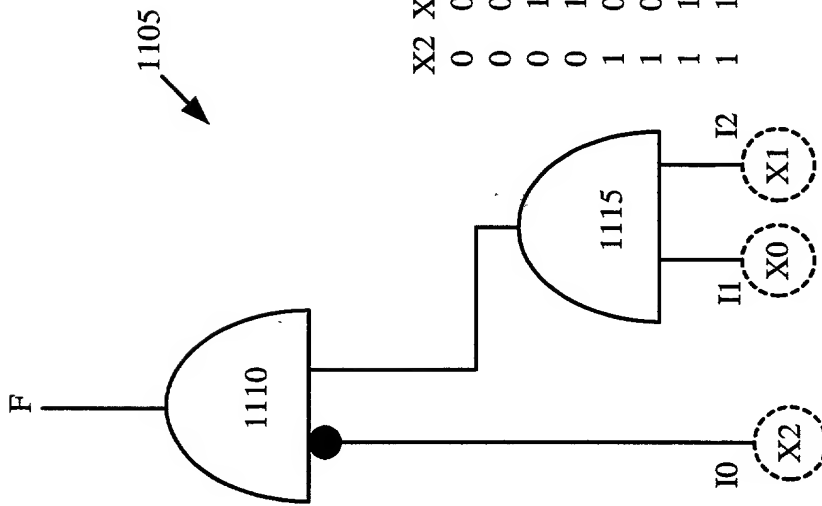
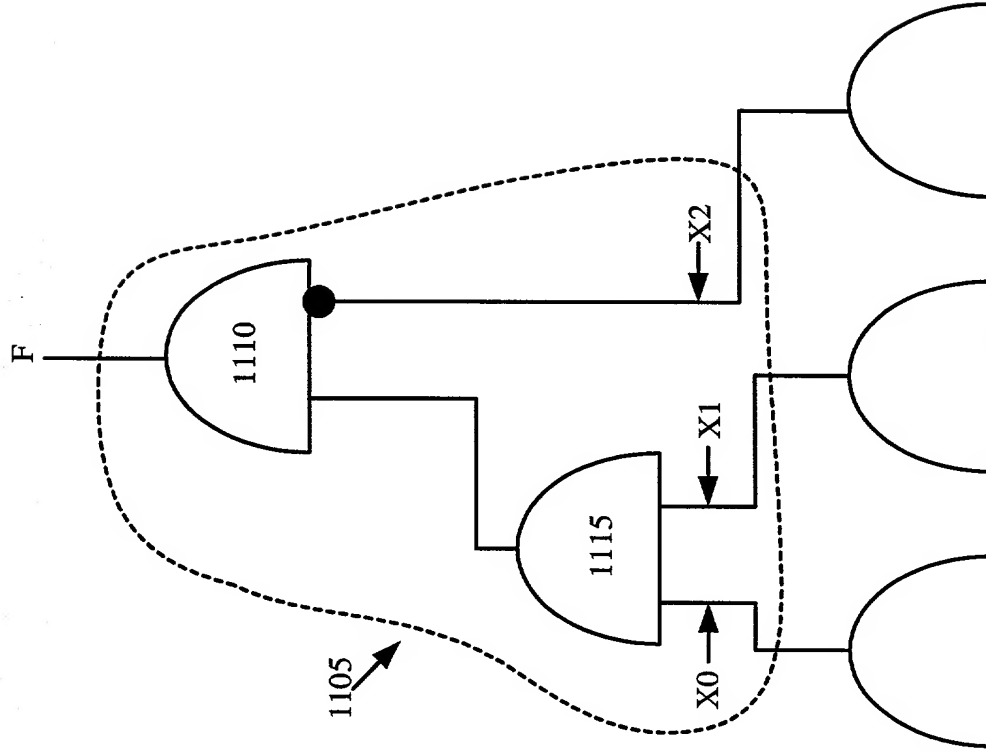


Figure 9



X2	X1	X0	TT
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

Figure 12



X2	X1	X0	TT
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

Figure 13

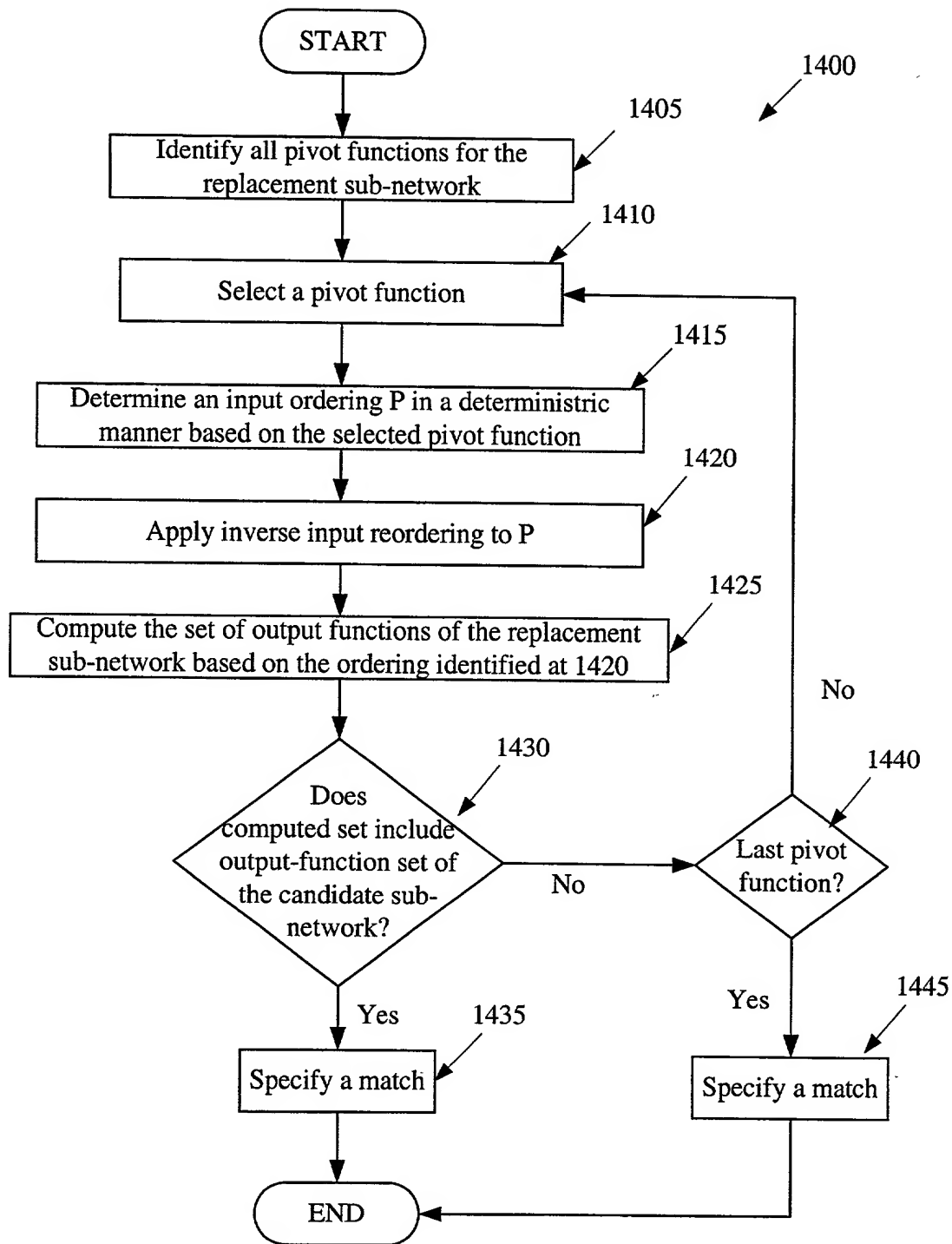


Figure 14

FIG. 15 is a schematic diagram of a data structure 1500, which is a table with four columns and five rows. The columns are labeled "Pivot Index", "First Row", "Last Row", and "Row Length". The rows are labeled "Pivot Index #1", "Pivot Index #2", "Pivot Index #X", "Row #Y", and "Row #Z". The "Pivot Index" column contains values "Pivot Index #1", "Pivot Index #2", and "Pivot Index #X". The "First Row" column contains values "Row #P", "Row #R", and "Row #Y". The "Last Row" column contains values "Row #Q", "Row #S", and "Row #Z". The "Row Length" column contains values "Length A", "Length B", and "Length C".

Pivot Index	Secondary Index	Network Indices	Row Length
Pivot Index #1	Index #T	N#U, ..., N#V	Length A
• • •	• • •	• • •	• • •
Pivot Index #1	Index #J	N#D, ..., N#E	Length B
• • •	• • •	• • •	• • •
Pivot Index #X	Index #H	N#F, ..., N#G	Length C

Pivot Index	First Row	Last Row
Pivot Index #1	Row #P	Row #Q
Pivot Index #2	Row #R	Row #S
• • •	• • •	• • •
Pivot Index #X	Row #Y	Row #Z

Figure 15

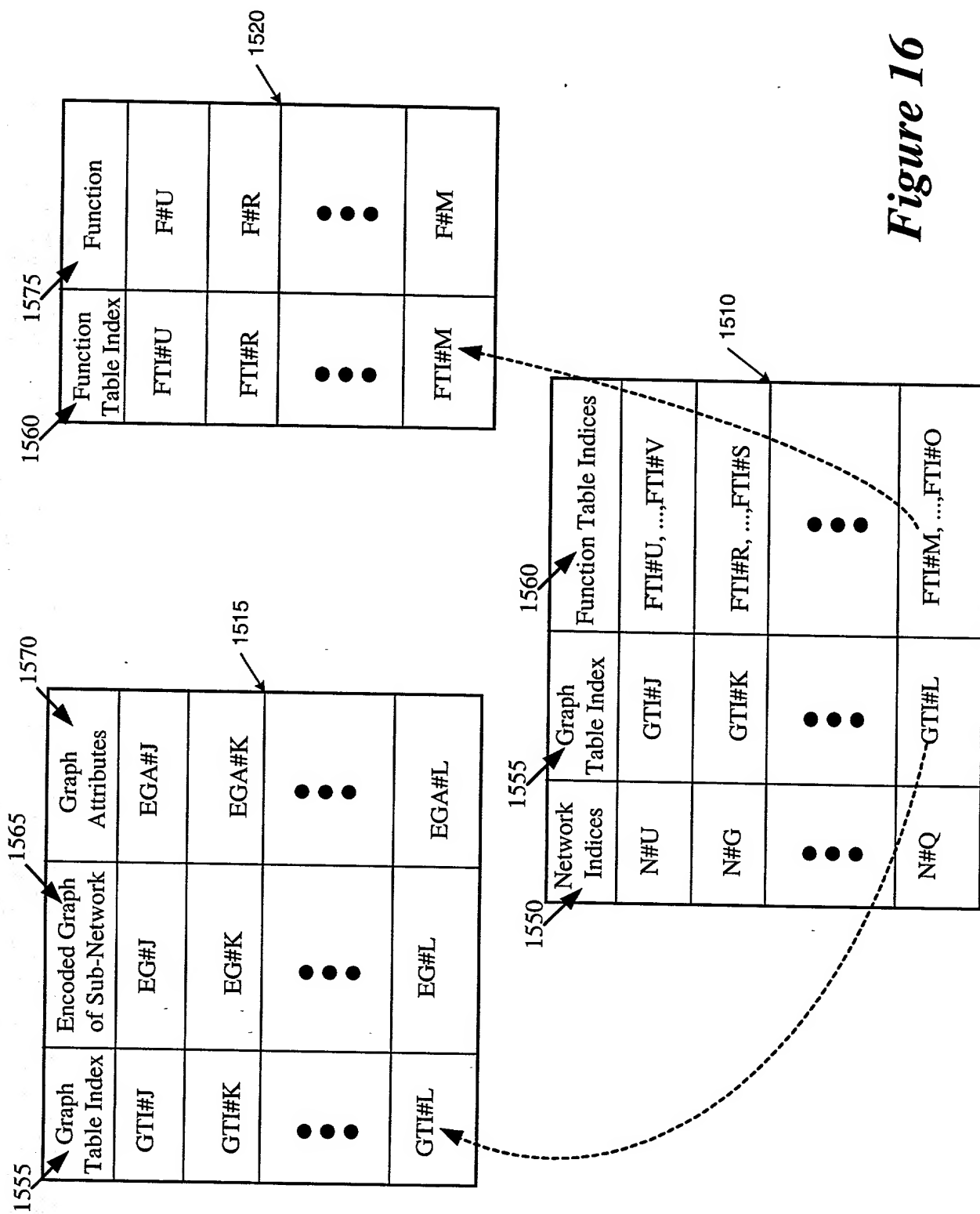


Figure 16

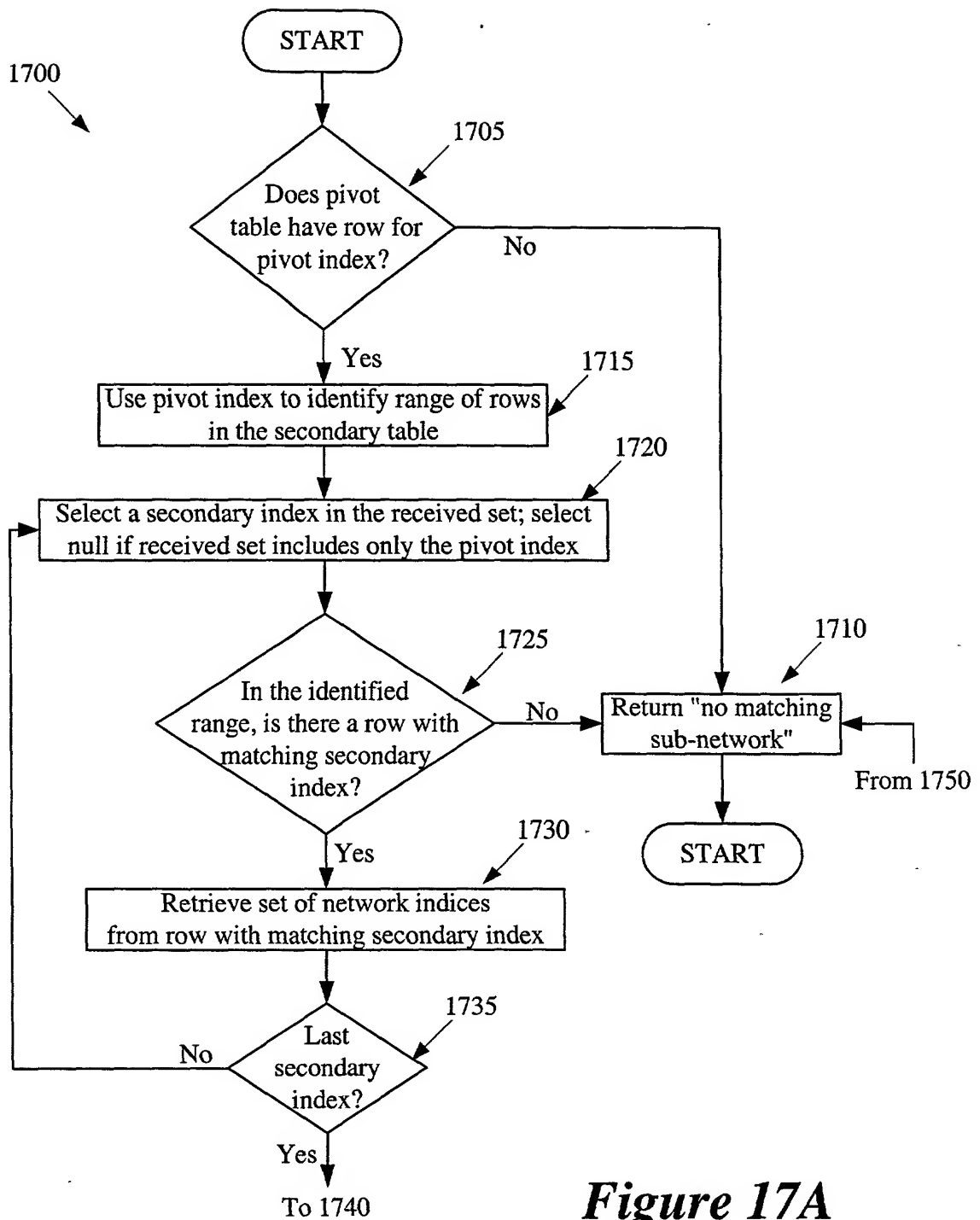


Figure 17A

Figure 17: Figure 17A
Figure 17B

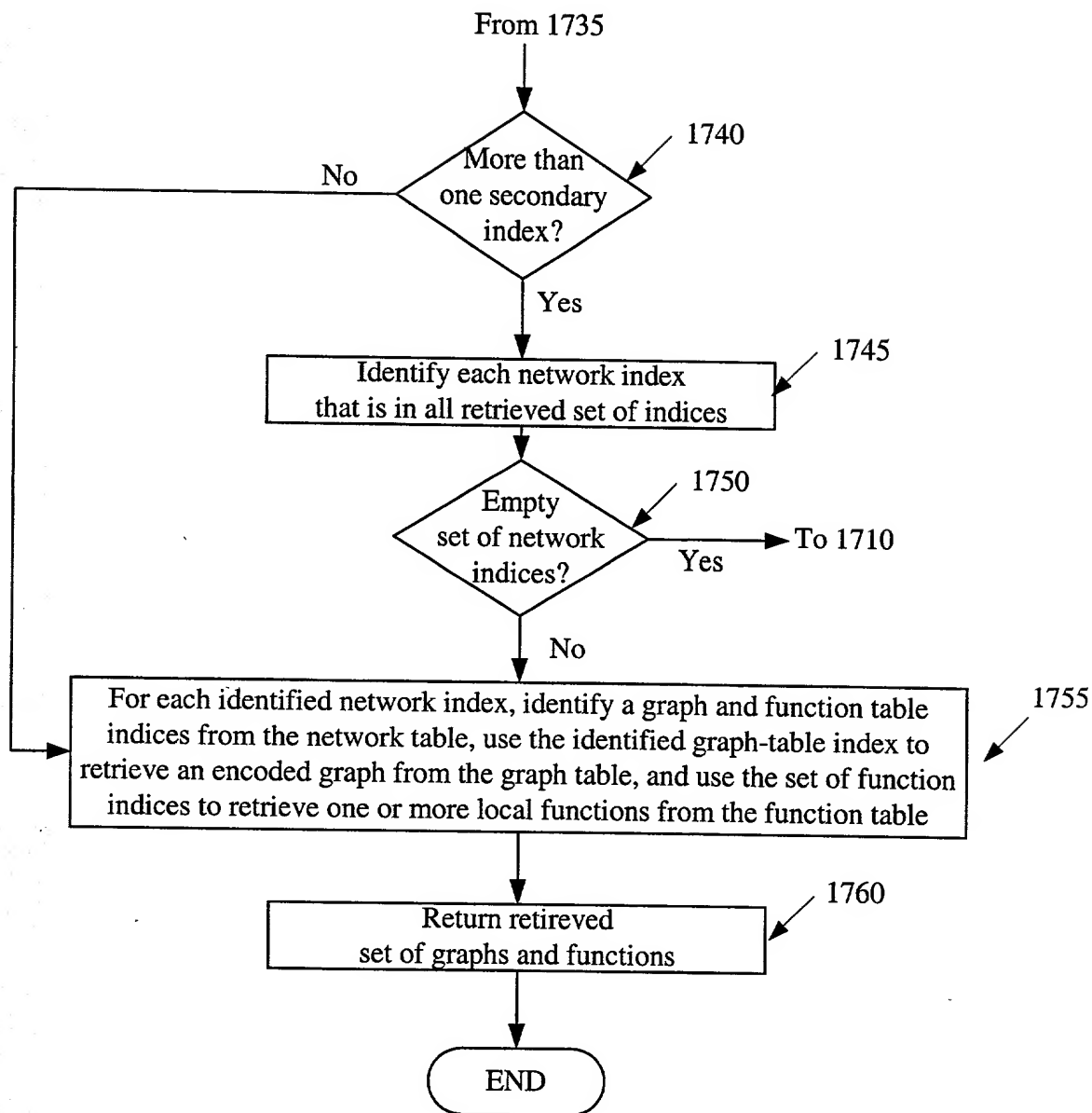


Figure 17B

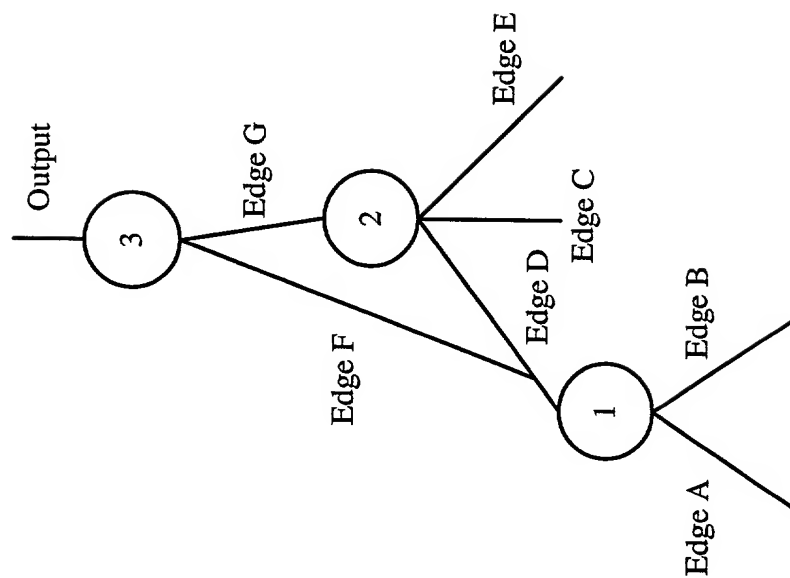


Figure 18

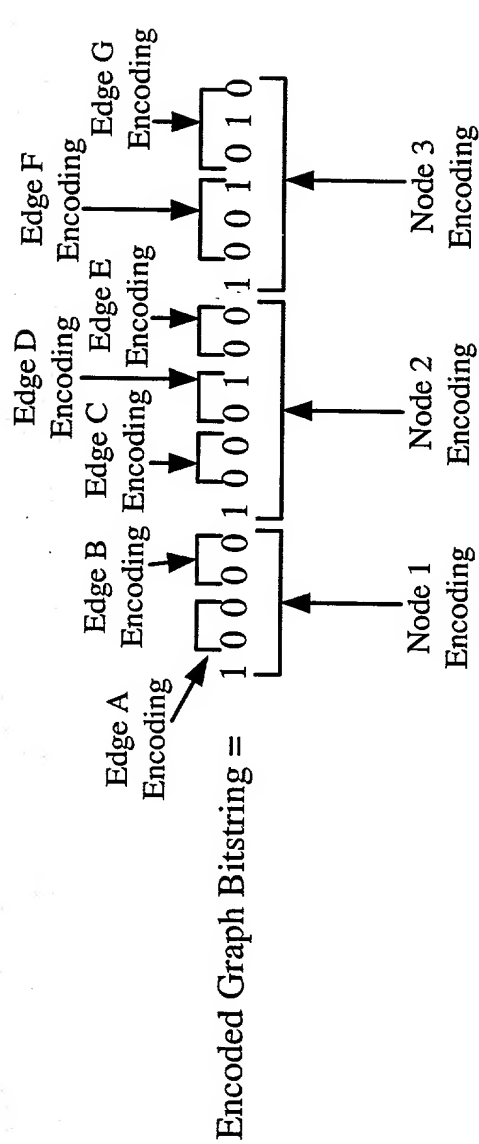


Figure 19

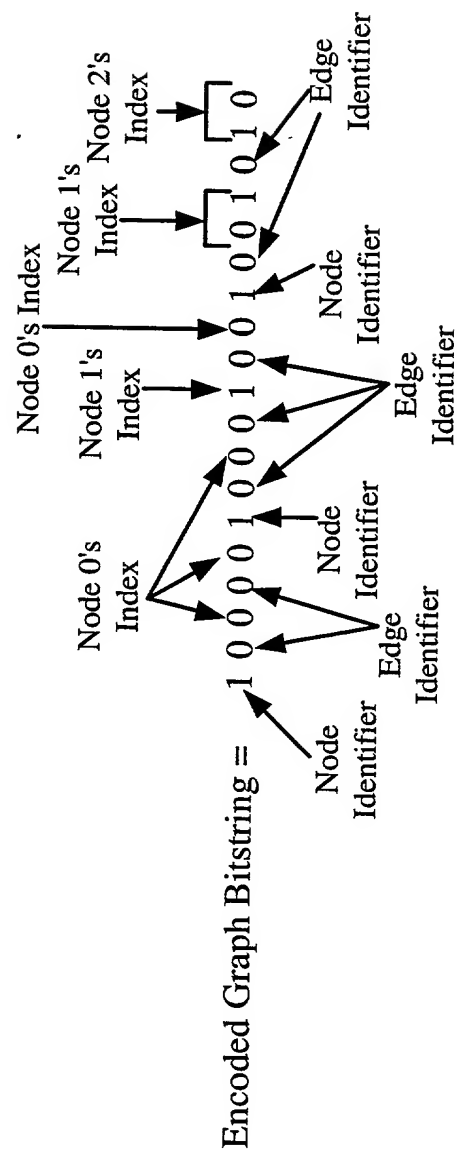


Figure 20

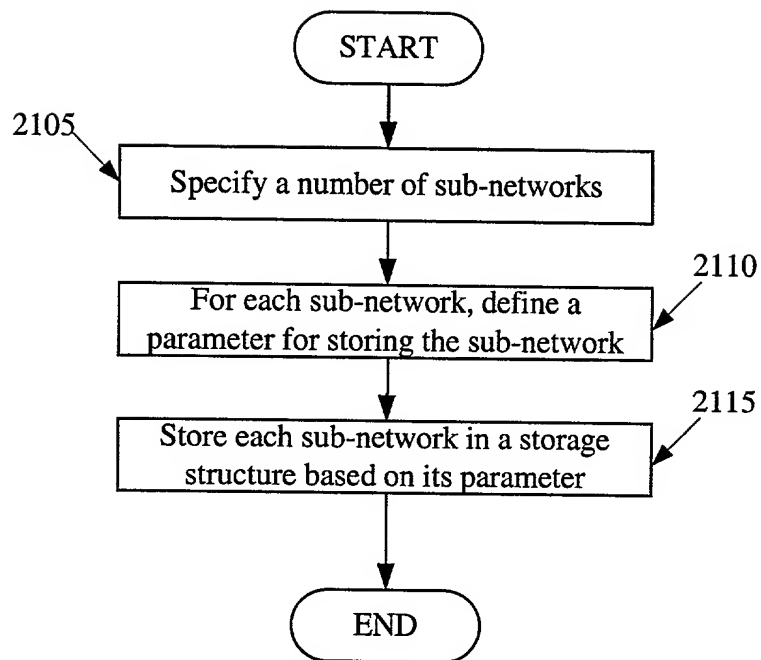


Figure 21

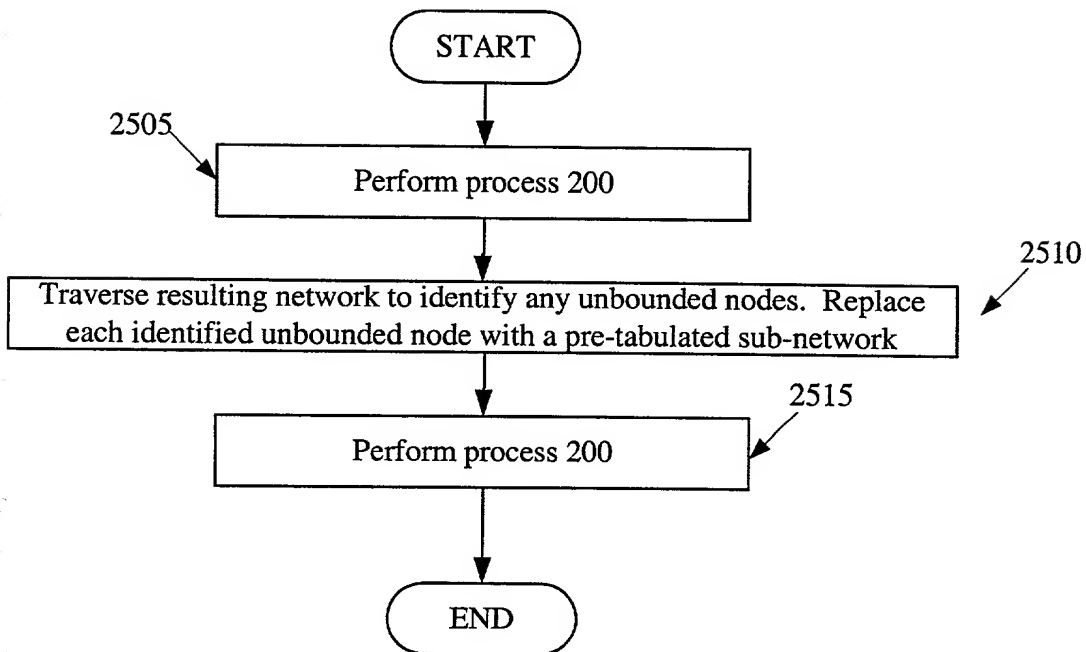


Figure 25

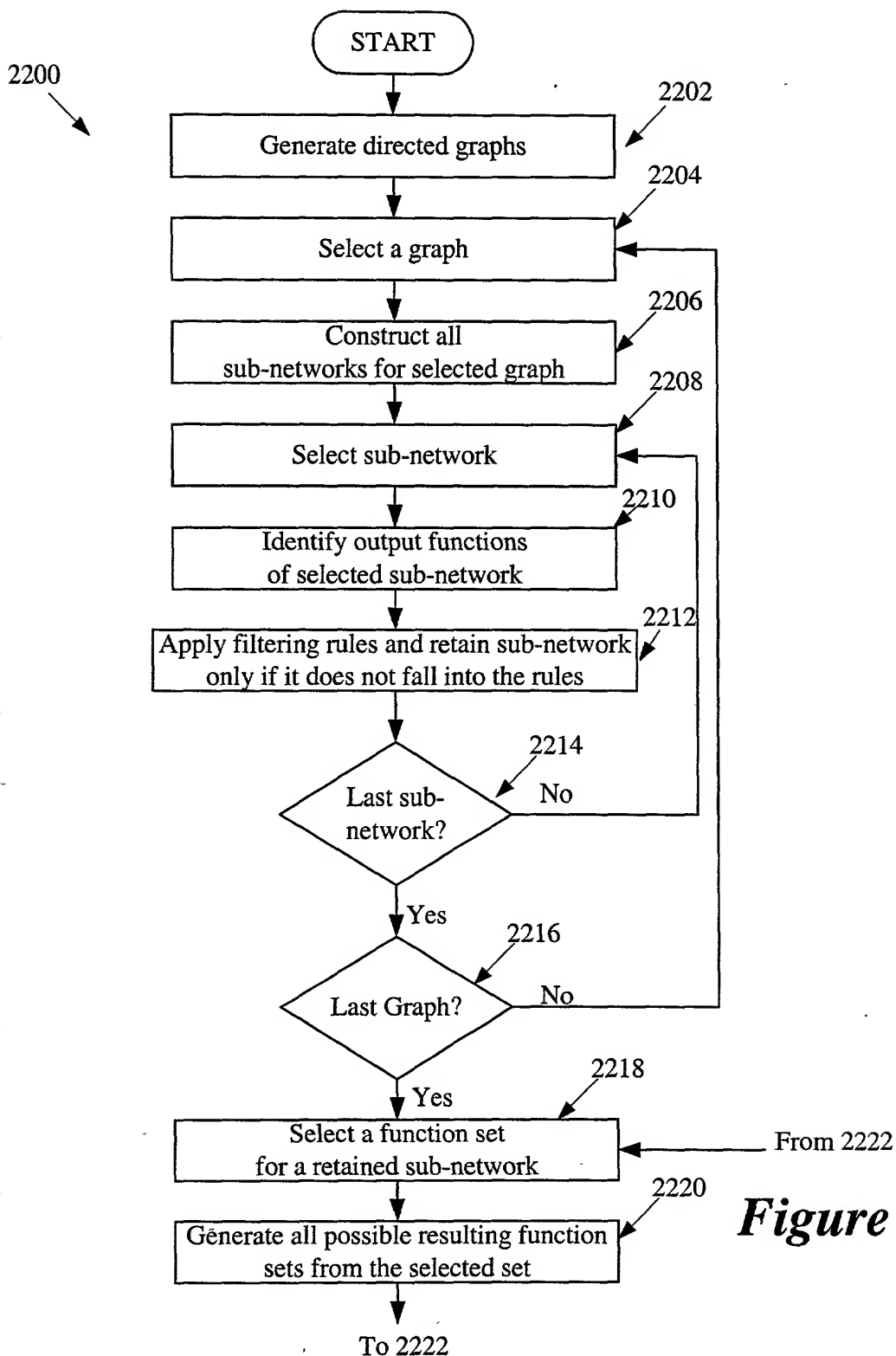


Figure 22A

Figure 22: Figure 22A
Figure 22B
Figure 22C

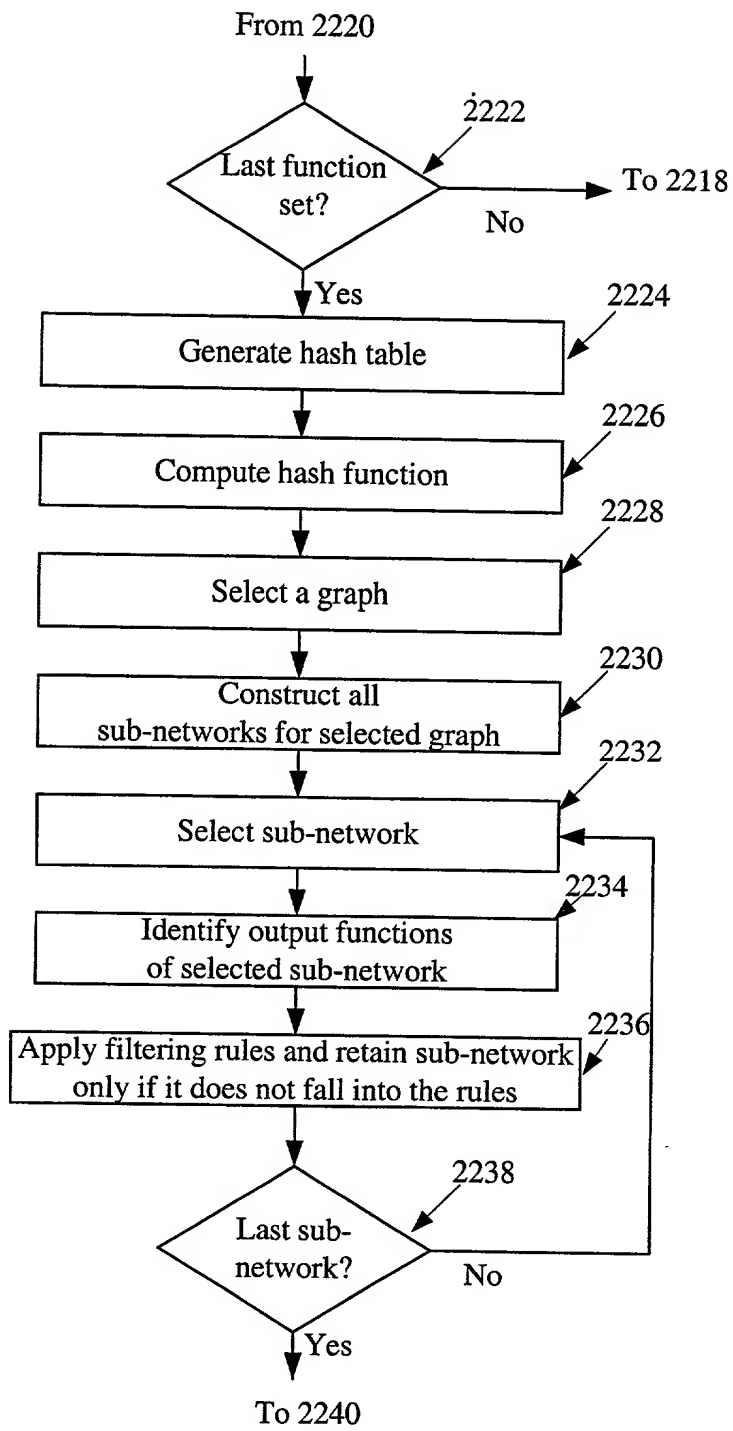


Figure 22B

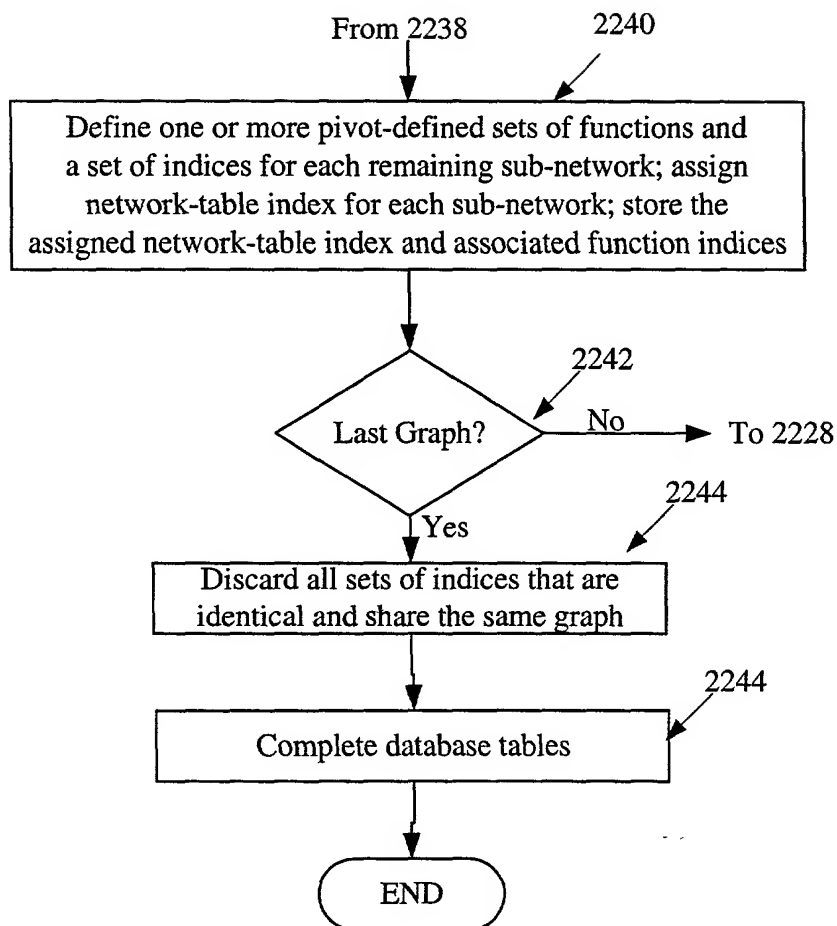


Figure 22C

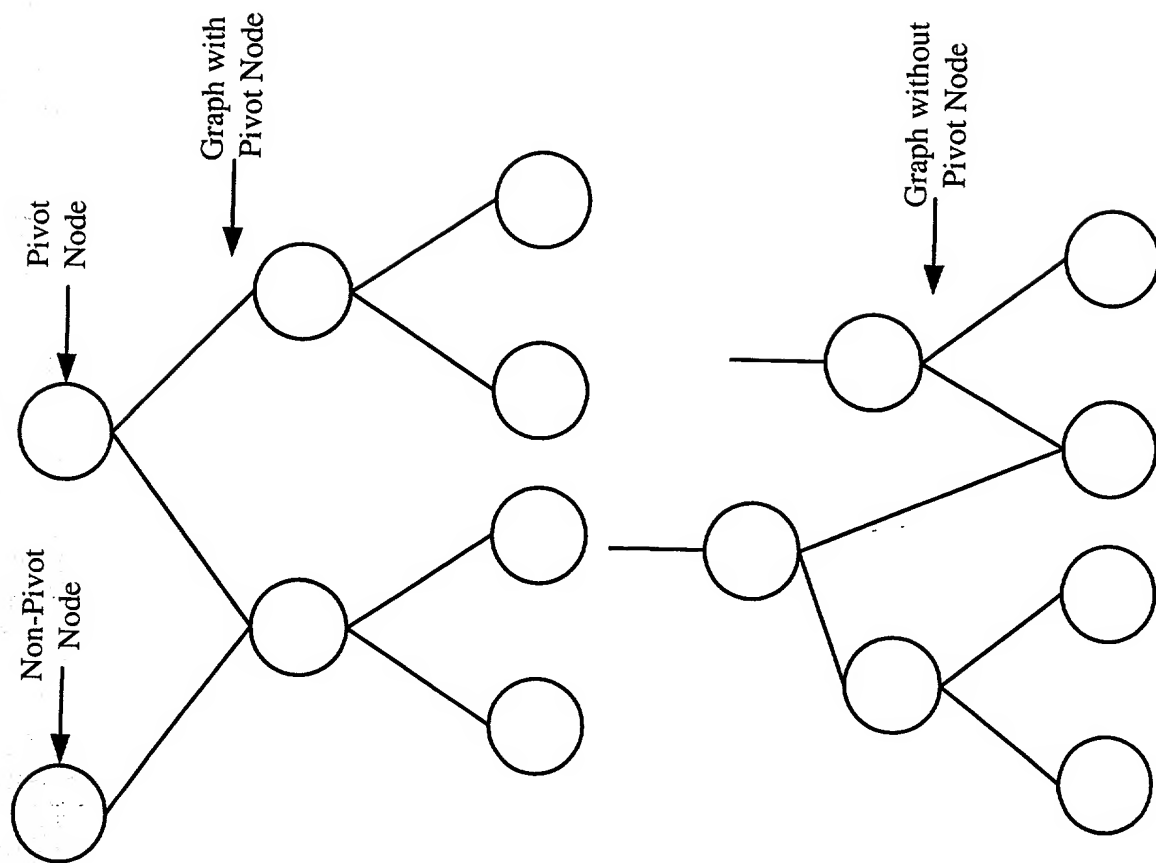


Figure 23

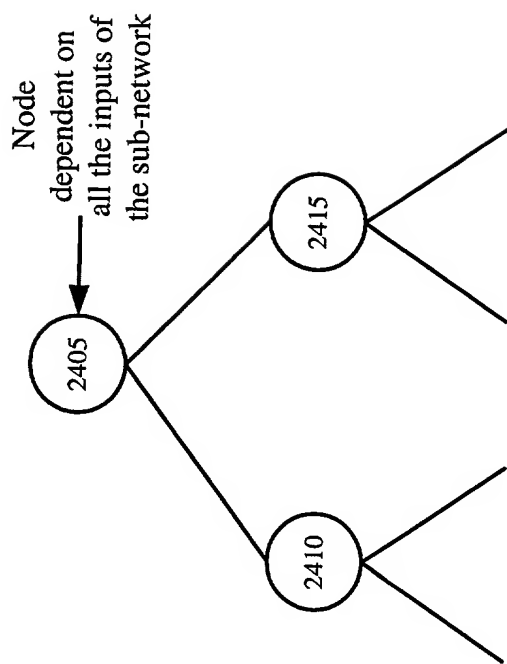


Figure 24

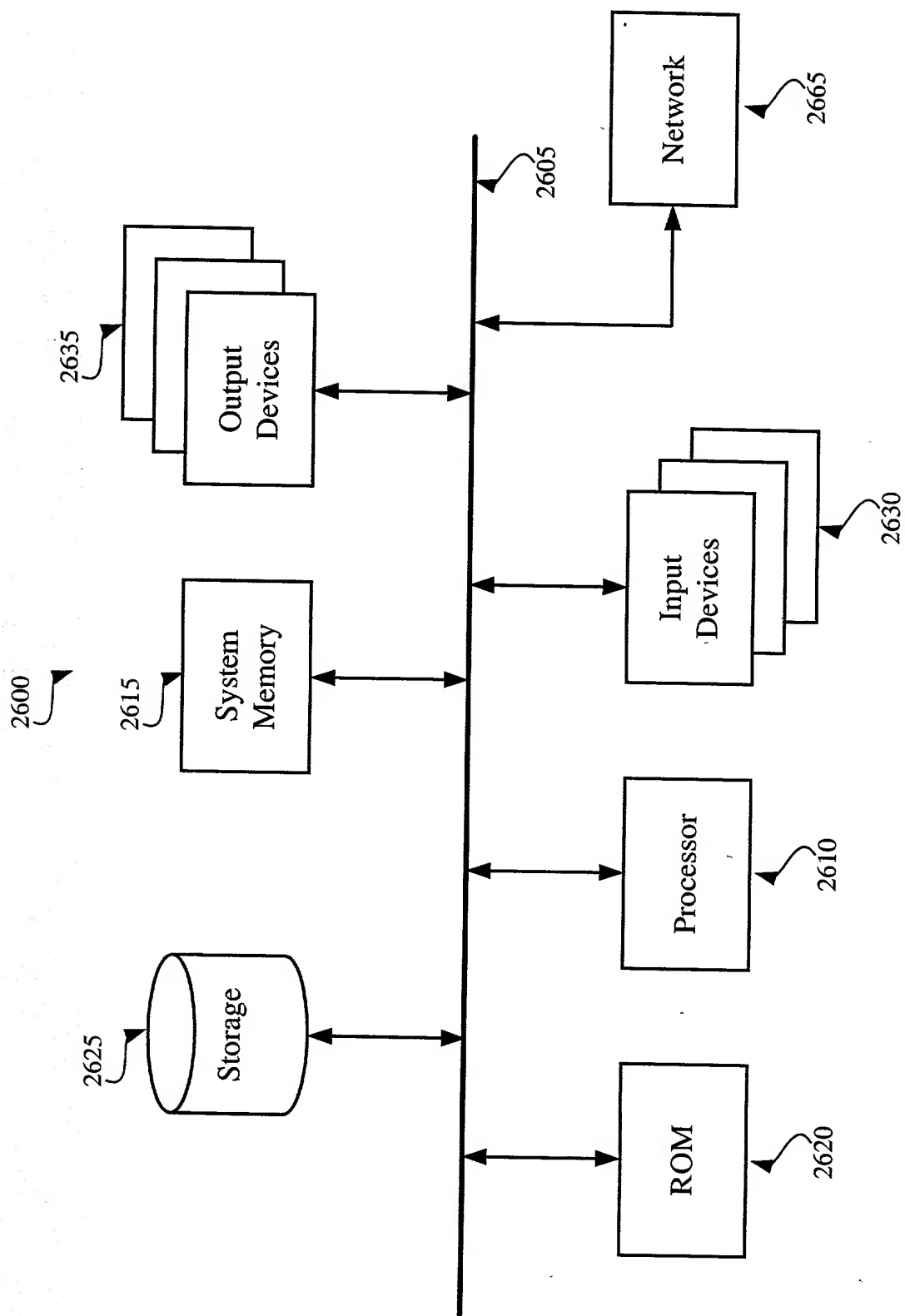


Figure 26